

DOCUMENT-IDENTIFIER: JP 01109898 A

RECEIVED
CENTRAL FAX CENTER

JAN 21 2009

PAT-NO: JP401109898A
DOCUMENT-IDENTIFIER: JP 01109898 A
TITLE: REMOTE CONTROLLER POSITION
DETECTOR FOR STEREO
PUBN-DATE: April 26, 1989

INVENTOR-INFORMATION:

NAME	COUNTRY
KURIYAMA, KEIICHI	
DEGUCHI, TAKASHI	
KOBAYASHI, ATSUSHI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
MATSUSHITA ELECTRIC IND CO LTD	N/A

APPL-NO: JP62267015
APPL-DATE: October 22, 1987

INT-CL (IPC): H04R003/00 , H04B009/00 ,
H04Q009/00 , H04Q009/00 ,
H04R001/32 , H04R005/02

US-CL-CURRENT: 381/12

ABSTRACT:

PURPOSE: To obtain the best stereophonic sound by adding a remote controller position detecting function to a stereo and thereby, automatically

DOCUMENT-IDENTIFIER: JP 01109898 A

directing a speaker to the direction of a user wherever the user is positioned.

CONSTITUTION: In a remote controller 1, a remote control position detecting signal generating means and an ordinary signal generating means and an infrared ray signal generating means are incorporated and the remote controller position detecting signal generating means and the ordinary signal generating means respectively generate a signal in a separate timing to transmit the signal via the infrared ray signal generating means. The light receiving elements 21, 22, 23 of a light receiving part 2 are the light receiving elements for detecting the remote controller position and a light receiving element 25 is the light receiving element for detecting the ordinary signal. The light receiving elements 21, 22, 23 are fixed with mounting directions respectively changed to decide the directivity of the infrared ray from the remote controller 1 according to an output current level, detect the direction of the remote controller 1, detects the difference of an angle from the central axes of speakers 31, 32, rotate a motor 34 and direct the central axes of the speakers 31, 32 to the remote controller 1.

COPYRIGHT: (C)1989, JPO&Japio

Jan 20 2009 7:26PM

IpVenture, Inc

650-903-9800

p. 7

PAGE 7/7 * RCVD AT 1/20/2009 10:28:20 PM [Eastern Standard Time] * SVR:USPTO-EFAX-4/13 * DNIS:2738300 * CSID:650 903 9800 * DURATION (mm-ss):13-36